

For planting areas that become compacted during construction activities the Contractor shall loosen and cultivate to a minimum depth of 10 inches prior to planting and seeding operations.

No cultivation shall occur in areas within the drip line of existing vegetation scheduled to remain.

Layout of Planting

Section 8-02.3(6) is supplemented with the following:

The Contractor shall randomly mix the plant species within planting zones, unless otherwise noted on the Plans.

Soil moisture conditions may require adjustment of location for individual plants or plant mixes. Layout shall be approved by the Engineer prior to planting.

Locations for fascines shall extend a minimum of 2 feet beyond the visible area of erosion and soil disturbance.

The locations for live fascines and live stake rows shall be identified in the field for review and approval by the Engineer. The Engineer may require adjustment of locations for these prior to installation in order to best accomplish the intended functions.

Planting

Item 1 within the second sentence of the second paragraph of Section 8-02.3(7) is revised to read as follows:

Installation of Live Stake Cuttings, Live Fascines, and Live Stake rows shall be accomplished between November 1 and March 1. All other planting shall be accomplished between November 1 and March 31.

The fifth sentence of the eighth paragraph of Section 8-02.3(7) is revised to read as follows:

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All plant material shall be watered on the same day as planted until the backfill soil around the roots of each plant is thoroughly saturated. No more plants shall be planted on any day than can be watered on that day.

Section 8-02.3(7) is supplemented with the following:

(*****)

The Contractor shall exercise care when installing plant material next to existing vegetation scheduled to remain to prevent damage to the root systems of the existing vegetation.

Cuttings

All cuttings shall be planted immediately if buds begin to swell.

The Contractor shall exercise care when planting or placing cuttings to ensure that the method of installation minimizes damage to plant material.

1 **Live Stake Cuttings**

2 When planted, each live stake cutting shall have 'a minimum of two buds
3 exposed above finish grade. Buds shall point upward, reflecting the
4 natural orientation for growth.

6 **Live Stake Cuttings Adjacent to Existing Fascines**

7 Live fascines were installed by a previous contract in the locations
8 shown in the Plans. For the portions of the live fascines that have not
9 survived, the Contractor shall install live stakes immediately adjacent
10 to the dead fascines in accordance with the details in the Plans. Dead
11 fascines shall not be removed.

13 **Live Fascine**

14 Live fascines shall be constructed of live branch cuttings, randomly mixed,
15 from the plant species designated in the Plans. The live branches shall be
16 bundled to construct live fascines with a minimum diameter of 4 inches and
17 a maximum diameter of 6 inches. Each live fascine must contain a
18 minimum of 5 live branches. Some dead branches may be included in
19 fascine construction provided they are placed on the inside of the roll and
20 constitute no more than 25 percent of the total fascine content.

22 The total length of each live fascine shall be a minimum of 5 feet and a
23 maximum of 12 feet with the rooting ends of all branches pointing in the
24 same direction. Branches shall be bound with 12 gauge wire spaced at 20
25 inch intervals along the entire length. Live fascines shall be secured with
26 live pegs at least 3 feet in length placed 3 feet apart. Live pegs shall be
27 the same species as specified for live branch cuttings. The pegs shall be
28 driven through the fascine, vertically into the slope and level with the top of
29 the fascine. The fascines shall be placed in a trench dug in the slope and
30 placed one-half to two-thirds underground as shown in the details.

32 **Live Stake Rows**

33 Live stake rows shall consist of live stake cuttings, randomly mixed from
34 the plant species designated in the Plans and placed in a double row.
35 Each live stake shall be installed into a predrilled or augered hole with the
36 growing end up. Trenching to install the live stakes will not be allowed. The
37 space between live stakes shall be no more than 1/2 inch within each row
38 and between the two rows. The number of live stake cuttings required will
39 vary depending on the average branch diameter. After placing the live
40 stake cuttings the soil shall be tamped on each side of the double row to
41 remove air pockets.

44 Planting of non-emergents shall not occur in water saturated soil, or in
45 areas of standing water.

47 **Fertilizers**

48 Section 8-02.3(9) is supplemented with the following:

51 The Contractor shall provide and apply plant fertilizer for plants at the time
52 of initial planting and for second application of fertilizer. Fertilizer shall be
53 applied to all plants except for the following:

- 55 Live Stakes
- 56 Live Stake Rows
- 57 Live Fascines